

**EAST Search History****EAST Search History (Prior Art)**

| <b>Ref #</b> | <b>Hits</b> | <b>Search Query</b>                         | <b>DBs</b>                               | <b>Default Operator</b> | <b>Plurals</b> | <b>Time Stamp</b>   |
|--------------|-------------|---|--|-------------------------|----------------|---------------------|
| S1           | 5210        | (force adj feedback)                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>08:37 |
| S2           | 873747      | nozzle\$2                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>08:38 |
| S3           | 1016        | (hemispheric adj shape\$2)                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>08:40 |
| S4           | 494         | (virtual NEAR environment<br>NEAR display ) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>08:43 |
| S5           | 11162       | (sound NEAR generation )                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>08:45 |
| S6           | 9           | (virtual NEAR object NEAR<br>calculation )  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>08:58 |
| S7           | 8178        | (sound adj generation )                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>09:00 |
| S8           | 252         | (virtual adj environment adj<br>display )   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>09:01 |
| S10          | 236         | (sound ADJ generation ADJ<br>control )      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>09:03 |
| S11          | 5           | (virtual adj object adj<br>calculation )    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>14:51 |
| S12          | 5210        | (force adj feedback)                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>15:09 |
| S13          | 873747      | nozzle\$2                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>15:09 |
| S14          | 153         | S12 and S13                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>15:09 |
| S15          | 1016        | (hemispheric adj shape\$2)                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>15:14 |
| S16          | 9           | (virtual NEAR object NEAR<br>calculation )  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND                     | ON             | 2008/12/29<br>15:14 |

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| S17 | 8178   | (sound adj generation )  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2008/12/29<br>15:14 |
| S18 | 252    | (virtual adj environment adj<br>display )  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2008/12/29<br>15:14 |
| S19 | 236    | (sound ADJ generation ADJ<br>control )   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2008/12/29<br>15:14 |
| S20 | 1      | S12 and S13 and S15 and S18<br>and S17 and S16 and S19                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2008/12/29<br>15:14 |
| S21 | 1      | S14 and S18  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2008/12/29<br>15:17 |
| S22 | 2310   | (virtual adj display )   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2008/12/29<br>15:18 |
| S24 | 0      | S14 and S22  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2008/12/29<br>15:18 |
| S25 | 4      | "7093588"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2008/12/29<br>16:50 |
| S26 | 0      | 2004-94307   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2008/12/30<br>10:53 |
| S27 | 8      | "200494307,6301475",<br>"200122499", "2003256105",<br>"2004157677", "2002297310" | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2008/12/30<br>10:59 |
| S28 | 2      | "2004157677"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2008/12/30<br>11:02 |
| S29 | 9      | (virtual NEAR object NEAR<br>calculation )                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2009/01/06<br>11:12 |
| S30 | 26     | (force adj feedback, hepatic,<br>tactile)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2009/01/06<br>12:02 |
| S32 | 15190  | (force adj feedback or hepatic<br>adj feedback or tactile adj<br>feedback)       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/06<br>12:04 |
| S33 | 874826 | nozzle\$2  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2009/01/06<br>12:08 |
| S34 | 252    | (virtual adj environment adj<br>display )  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2009/01/06<br>12:08 |
| S35 | 5229   | (force adj feedback)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2009/01/06<br>12:08 |

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| S36 | 1      | S35 and S33 and S34   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2009/01/06<br>12:08 |
| S37 | 153    | S35 and S33   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2009/01/06<br>12:09 |
| S38 | 190814 | feedback and ( air or fluid or liquid)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/06<br>16:38 |
| S39 | 1992   | feedback near ( air or fluid or liquid)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/06<br>16:39 |
| S40 | 52     | (force adj feedback or hepatic adj feedback or tactile adj feedback) near ( air or fluid or liquid) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/06<br>16:41 |
| S43 | 4603   | 345/156.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/06<br>17:00 |
| S44 | 687    | S38 and S43   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/06<br>17:00 |
| S45 | 4      | S40 and S43   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/06<br>17:00 |
| S46 | 52     | (force adj feedback or hepatic adj feedback or tactile adj feedback) near ( air or fluid or liquid) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/07<br>08:39 |
| S47 | 19     | S46 and "345".clas.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/07<br>08:39 |
| S48 | 236    | (sound ADJ generation ADJ control )   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2009/01/08<br>12:45 |
| S50 | 52     | (force adj feedback or hepatic adj feedback or tactile adj feedback) near ( air or fluid or liquid) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/08<br>13:01 |
| S51 | 252    | (virtual adj environment adj display )  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON | 2009/01/08<br>13:01 |
| S55 | 1      | S48 and S51   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/08<br>13:02 |
| S56 | 1382   | sound near virtual  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/08<br>13:05 |
| S57 | 0      | sound\$2 near virtual\$2 near feedback  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON | 2009/01/08<br>13:06 |

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| S58 | 1479   | sound\$2 near virtual\$2                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON  | 2009/01/08<br>13:06 |
| S59 | 573449 | feedback   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON  | 2009/01/08<br>13:06 |
| S60 | 0      | S58 and S50  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON  | 2009/01/08<br>13:07 |
| S61 | 175    | S58 and S59  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON  | 2009/01/08<br>13:07 |
| S62 | 475794 | (virtual music insterument)                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | ON  | 2009/01/08<br>13:16 |
| S64 | 19     | virtual and (sound ADJ<br>generation ADJ control ) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON  | 2009/01/08<br>13:17 |
| S65 | 16     | "5017770"  | USPAT                                    | OR  | OFF | 2009/01/08<br>14:15 |
| S66 | 1634   | game\$2 adj control\$2                             | USPAT                                    | OR  | OFF | 2009/01/08<br>15:20 |
| S67 | 188044 | concave or hemispheric                             | USPAT                                    | OR  | OFF | 2009/01/08<br>15:21 |
| S68 | 58     | S66 and S67  | USPAT                                    | OR  | OFF | 2009/01/08<br>15:21 |
| S73 | 56     | (video game) and S66 and S67                       | USPAT                                    | OR  | OFF | 2009/01/08<br>15:29 |
| S74 | 101    | (air near jet near nozzle\$2) and<br>S67           | USPAT                                    | OR  | OFF | 2009/01/08<br>15:36 |
| S75 | 37     | (air near jet near nozzle\$2) and<br>(video game)  | USPAT                                    | OR  | OFF | 2009/01/08<br>15:39 |
| S77 | 185535 | concave  | USPAT                                    | OR  | OFF | 2009/01/08<br>15:44 |
| S78 | 3077   | hemispheric  | USPAT                                    | OR  | OFF | 2009/01/08<br>15:44 |
| S79 | 1725   | hemispheric and ( control\$2)                      | USPAT                                    | OR  | OFF | 2009/01/08<br>15:45 |
| S80 | 0      | hemispheric and controler                          | USPAT                                    | OR  | OFF | 2009/01/08<br>15:46 |
| S81 | 0      | hemispheric and ("video game<br>controler")        | USPAT                                    | OR  | OFF | 2009/01/08<br>15:46 |
| S82 | 0      | hemispheric and ("video game<br>input")            | USPAT                                    | OR  | OFF | 2009/01/08<br>15:47 |
| S83 | 44     | ("video game input")                               | USPAT                                    | OR  | OFF | 2009/01/08<br>15:47 |
| S84 | 2      | S83 and S67  | USPAT                                    | OR  | OFF | 2009/01/08<br>15:49 |
| S85 | 13     | "6757068"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | AND | ON  | 2009/01/09<br>15:21 |

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| S86 | 9837 | 709/203.ccls.        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT                                | OR  | ON  | 2009/01/09<br>16:18 |
| S87 | 5239 | (force adj feedback) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT                                | AND | ON  | 2009/01/09<br>16:18 |
| S88 | 23   | S86 and S87          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT                                | OR  | ON  | 2009/01/09<br>16:18 |
| S89 | 3    | 2001-022499          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT                                | OR  | ON  | 2009/01/09<br>16:30 |
| S90 | 4    | "2001022499"         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT                                | OR  | ON  | 2009/01/09<br>16:30 |
| S91 | 1    | "10579469"           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2009/07/06<br>14:32 |
| S92 | 1    | ("200122499").PN.    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/07/07<br>14:50 |
| S93 | 3    | ("2003256105").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/07/07<br>14:51 |
| S94 | 2    | ("2004157677").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/07/07<br>14:51 |

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